

FORM PTO 1449
(REV 2-32)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

File No. 02-21

Serial No.
10/680,673

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant(s):
Jeff L. Ellsworth

Filing Date:
October 7, 2003

Group: 1615

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A1	2003/0022170	01/30/03	Khodadoust			
	A2	7,135,459	11/14/06	Deisher et al.	514	12	
	A3	6,518,236	02/11/03	Deisher et al.	514	2	
	A4	6,352,971	03/05/02	Deisher et al.	514	2	
	A5	6,200,606	03/13/01	Peterson et al.	424	574	
	A6	6,171,340	01/09/01	McDowell	623	18.11	
	A7	6,013,477	01/2000	Greene et al.			
	A8	5,989,866	11/23/99	Deisher et al.	435	69.4	
	A9	5,919,702	07/06/99	Purchio et al.	435	378	
	A10	5,604,293	02/1997	Fiddes et al.			
	A11	5,514,566	05/1996	Fiddes et al.			
	A12	5,439,818	08/1995	Fiddes et al.			
	A13	7,009,039	03/2006	Yayon et al.			
	A14	6,054,122	04/2000	MacPhee et al.			

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	A15	99/46381	09/16/99	WIPO			
	A16	99/27100	06/03/99	WIPO			
	A17	00/05369	02/03/00	WIPO			
	A18	00/56890	09/28/00	WIPO			
	A19	00/67775	11/16/00	WIPO			
	A20	11332570	12/07/99	JP			

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

	A21		Ohbayashi et al., <i>J. Biol. Chem.</i> 273(29):18161-18164, 1998.
	A22		Hu et al., <i>Mol. Cell. Biol.</i> 18(10):6063-6074, 1998.
	A23		Ayala et al., <i>Modern Genetics</i> , Benjamin/Cummings Pub. Col., CA, pp. 44, 46 and Glossary, 1984.
	A24		Long et al., <i>Cell Regulation</i> 2:1081-1095, 1991.
	A25		Lifeseq.TM. Clone Information Results Incyte Pharmaceuticals Inc., 1995.
	A26		Goldfarb, <i>Cell Growth and Differentiation</i> 1:439-445, 1990.
	A27		Crossley et al., <i>Cell</i> 84:127-136, 1996.

Examiner

Date considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449
(REV 2-32)

U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

File No. 02-21

Serial No.
10/680,673

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant(s):
Jeff L. Ellsworth

Filing Date:
October 7, 2003

Group: 1615

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

	A28		Ngo et al., The Protein Folding Problem and Tertiary Structure, Birkhauser, Boston, pp. 491-495, 1994.
	A29		Wells, "Additivity of Mutational Effects in Proteins," <i>Biochemistry</i> 29(37):8509-8517, 1990.
	A30		Bowie et al., "Deciphering the Message in Protein Sequences: Tolerance to Amino Acid Substitutions," <i>Science</i> 247:1306-1310, 1990.
	A31		Mikayama, T., "Molecular cloning and functional expression of a cDNA encoding glycosylation-inhibiting factor," <i>Proc. Natl. Acad. Sci. USA</i> 90:10056-10060, 1993.
	A32		Voet et al., <i>Biochemistry</i> 1990, John Wiley & Sons, Inc. pp. 126-128 and 228-234, 1990.
	A33		Doerks et al., "Protein annotation: detective work for function prediction," <i>Trends in Genetics</i> , 14(6):248-250, 1998.
	A34		Mickle et al., <i>Med Clin North Am</i> 84(3):597-607, 2000.
	A35		Yan et al., <i>Science</i> 290:523-527, 2000.

Examiner

Date considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

FORM PTO 1449
(REV 2-32)

**U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE**

File No. 02-21

Serial No.
10/680,673

INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use several sheets if necessary)

Applicant(s):
Jeff L. Ellsworth

Filing Date:
October 7, 2003

Group: 1615

U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Patents, etc.)

	A36	Robson et al., Introduction to Proteins and Protein Engineering. New York, Elsevier, pp. 41, 1986.
	A37	Liu et al., <i>Genes & Development</i> 16:859-869, 2002.
	A38	Ohbayashi et al., <i>Genes & Development</i> 16:870-879, 2002.
	A39	Whitmore et al., <i>Cytogenet Cell Genet</i> 90:231-233, 2000.
	A40	Shimoaka et al., "Fibroblast Growth Factor (FGF)-18 is a Potent Regulator of Osteoblasts, Osteoclasts, and Chondrocytes: In Vitro Comparison Study with FGF-2 and FGF-10," ASBMR 22 nd Annual Meeting Vol 15, Suppl 1, SA132, 2000.
	A41	Solursh, "Formation of Cartilage Tissue In Vitro," <i>J. Cell Biochem</i> 45:258-260, 1991.
	A42	Ellsworth et al., <i>Osteoarthritis and Cartilage</i> 10:308-320, 2002.
	A43	Kikuchi et al., <i>Osteoarthritis and Cartilage</i> 4:99-110, 1996.

Examiner

Date considered

EXAMINER: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.